STIC SEARCH

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=> d his nofil

     (FILE 'HOME' ENTERED AT 13:28:18 ON 09 NOV 2006)

     FILE 'LREGISTRY' ENTERED AT 13:29:04 ON 09 NOV 2006
L1             STR

     FILE 'CASREACT' ENTERED AT 13:31:31 ON 09 NOV 2006
L2           1 SEA SSS SAM L1 (     2 REACTIONS)
L3          29 SEA SSS FUL L1 (    91 REACTIONS)

     FILE 'HCAPLUS' ENTERED AT 13:33:31 ON 09 NOV 2006
               E US2003-729511/APPS
L4           1 SEA ABB=ON  PLU=ON  US2003-729511/AP

     FILE 'CASREACT' ENTERED AT 13:33:53 ON 09 NOV 2006
L5           0 SEA ABB=ON  PLU=ON  US2003-729511/AP
L6          29 SEA ABB=ON  PLU=ON  L3 NOT L4
               E US2003-729511/AP

     FILE 'LREGISTRY' ENTERED AT 13:35:20 ON 09 NOV 2006
L7             STR
L8           2 SEA SSS SAM L7

     FILE 'REGISTRY' ENTERED AT 13:41:22 ON 09 NOV 2006
L9           4 SEA SSS SAM L7
L10        476 SEA SSS FUL L7

     FILE 'HCAPLUS' ENTERED AT 13:41:52 ON 09 NOV 2006
L11        356 SEA ABB=ON  PLU=ON  L10
L12        221 SEA ABB=ON  PLU=ON  L10(L)PREP+NT/RL

     FILE 'REGISTRY' ENTERED AT 13:44:46 ON 09 NOV 2006
L13            STR
L14         50 SEA SSS SAM L13

     FILE 'HCAPLUS' ENTERED AT 13:49:42 ON 09 NOV 2006
L15            TRA PLU=ON  L12 1- RN :    9078 TERMS

     FILE 'REGISTRY' ENTERED AT 13:49:52 ON 09 NOV 2006
L16       9078 SEA ABB=ON  PLU=ON  L15
L17         50 SEA SUB=L16 SSS SAM L13
L18       2030 SEA SUB=L16 SSS FUL L13

     FILE 'HCAPLUS' ENTERED AT 13:50:51 ON 09 NOV 2006
L19      94476 SEA ABB=ON  PLU=ON  L18(L)RACT+NT/RL
L20        161 SEA ABB=ON  PLU=ON  L12 AND L19

     FILE 'REGISTRY' ENTERED AT 13:51:29 ON 09 NOV 2006
L21            STR
L22          3 SEA SUB=L18 SSS SAM L21
L23         66 SEA SUB=L18 SSS FUL L21

     FILE 'HCAPLUS' ENTERED AT 13:52:42 ON 09 NOV 2006
L24         30 SEA ABB=ON  PLU=ON  L23(L)RACT+NT/RL
L25         20 SEA ABB=ON  PLU=ON  L24 AND L19 AND L12
L26          0 SEA ABB=ON  PLU=ON  L4 AND L25
L27          0 SEA ABB=ON  PLU=ON  L24 AND L4
L28          1 SEA ABB=ON  PLU=ON  L19 AND L4
L29          1 SEA ABB=ON  PLU=ON  L4 AND L12
```

```
L30             0 SEA ABB=ON  PLU=ON  L4 AND L23
L31             1 SEA ABB=ON  PLU=ON  L20 AND L4
                  SEL RN L4

     FILE 'REGISTRY' ENTERED AT 13:54:45 ON 09 NOV 2006
L32            26 SEA ABB=ON  PLU=ON  (115-11-7/BI OR 116-11-0/BI OR 1192-37-6/BI
                   OR 127-91-3/BI OR 1528-30-9/BI OR 15735-57-6/BI OR 18408-99-6/
                  BI OR 27063-48-5/BI OR 3048-64-4/BI OR 34844-48-9/BI OR
                  497-35-8/BI OR 542-92-7/BI OR 630414-83-4/BI OR 630414-85-6/BI
                  OR 630414-87-8/BI OR 646-97-9/BI OR 665-05-4/BI OR 684-16-2/BI
                  OR 756-91-2/BI OR 814-68-6/BI OR 852831-53-9/BI OR 852831-56-2/
                  BI OR 852831-57-3/BI OR 852831-58-4/BI OR 853064-87-6/BI OR
                  853064-88-7/BI)
L33             1 SEA ABB=ON  PLU=ON  L32 AND C3F6O/MF
                  D SCA

     FILE 'HCAPLUS' ENTERED AT 13:55:58 ON 09 NOV 2006
L34          1068 SEA ABB=ON  PLU=ON  L33(L)RACT+NT/RL
L35             1 SEA ABB=ON  PLU=ON  L34 AND L4
L36          1646 SEA ABB=ON  PLU=ON  L16 AND L33

     FILE 'REGISTRY' ENTERED AT 13:56:54 ON 09 NOV 2006
L37             1 SEA ABB=ON  PLU=ON  L16 AND L33
L38            14 SEA SUB=L16 SSS SAM L21
L39           227 SEA SUB=L16 SSS FUL L21
L40             1 SEA ABB=ON  PLU=ON  L39 AND L33

     FILE 'HCAPLUS' ENTERED AT 13:58:17 ON 09 NOV 2006
L41          2628 SEA ABB=ON  PLU=ON  L39(L)RACT+NT/RL
L42            94 SEA ABB=ON  PLU=ON  L12 AND L41 AND L19
L43            79 SEA ABB=ON  PLU=ON  L42 NOT L3
                  E BREYTA G/AU
L44            78 SEA ABB=ON  PLU=ON  ("BREYTA G"/AU OR "BREYTA GREG"/AU OR
                  "BREYTA GREGORY"/AU OR "BREYTA GREORY"/AU)
                  E DIPIETRO R/AU
L45            89 SEA ABB=ON  PLU=ON  ("DIPIETRO R"/AU OR "DIPIETRO R A"/AU OR
                  "DIPIETRO RICHARD"/AU OR "DIPIETRO RICHARD A"/AU OR "DIPIETRO
                  RICHARD ALLEN"/AU OR "DIPIETRO RICHARD ANTHONY"/AU OR "DIPIETRO
                   RICHARD ANTONY"/AU)
                  E DAWSON D/AU
L46           127 SEA ABB=ON  PLU=ON  ("DAWSON D"/AU OR "DAWSON D J"/AU OR
                  "DAWSON DAN"/AU OR "DAWSON DAN J"/AU OR "DAWSON DANIEL J"/AU
                  OR "DAWSON DANIEL JOSEPH"/AU)
L47            29 SEA ABB=ON  PLU=ON  (L44 AND (L45 OR L46)) OR (L45 AND L46)
L48           263 SEA ABB=ON  PLU=ON  (L44 OR L45 OR L46)
L49             2 SEA ABB=ON  PLU=ON  L48 AND L43
L50            29 SEA ABB=ON  PLU=ON  L47 OR L49
L51            77 SEA ABB=ON  PLU=ON  L43 NOT L47
```

PRIOR ART SEARCH (CASREACT)

```
=> fil casreact
FILE 'CASREACT' ENTERED AT 14:24:38 ON 09 NOV 2006
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)
```

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

```
FILE CONTENT:1840 - 6 Nov 2006 VOL 145 ISS 19

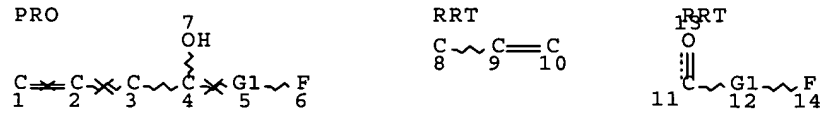
New CAS Information Use Policies, enter HELP USAGETERMS for details.

**************************************************************
*                                                            *
*     CASREACT now has more than 10 million reactions        *
*                                                            *
**************************************************************
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> d que l3
L1                STR
```




```
REP G1=(1-10) A
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  14

STEREO ATTRIBUTES: NONE

  ****MAPPINGS****
NOD SYM      ROL    NOD SYM      ROL
  3 C        PRO     10 C        RRT
  4 C        PRO     11 C        RRT
 10 C        RRT      3 C        PRO
 11 C        RRT      4 C        PRO
L3           29 SEA FILE=CASREACT SSS FUL L1 (    91 REACTIONS)
```

PRIOR ART SEARCH (REGISTY, CAPLUS)

```
=> fil hcap
FILE 'HCAPLUS' ENTERED AT 14:26:14 ON 09 NOV 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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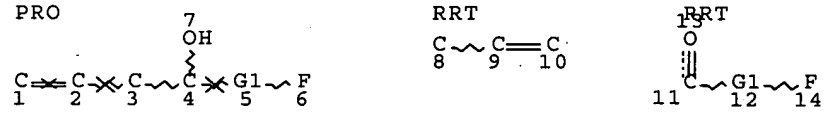
FILE COVERS 1907 - 9 Nov 2006  VOL 145 ISS 20
FILE LAST UPDATED: 8 Nov 2006  (20061108/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> d que l51
L1                STR
```

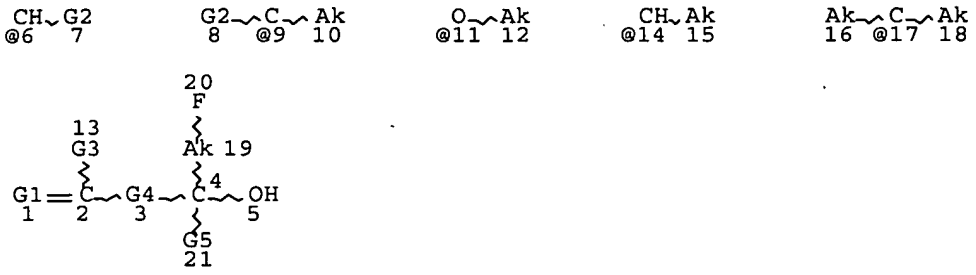



```
REP G1=(1-10) A
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  14

STEREO ATTRIBUTES: NONE

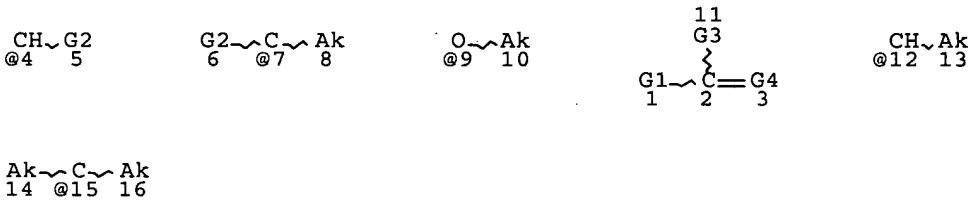
  ****MAPPINGS****
NOD SYM      ROL    NOD SYM      ROL
  3 C        PRO     10 C        RRT
  4 C        PRO     11 C        RRT
 10 C        RRT      3 C        PRO
 11 C        RRT      4 C        PRO
L3           29 SEA FILE=CASREACT SSS FUL L1 (    91 REACTIONS)
L7              STR
```



VAR G1=CH2/6/9
VAR G2=AK/11
VAR G3=H/AK
VAR G4=CH2/14/17
VAR G5=H/AK
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 21

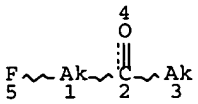
STEREO ATTRIBUTES: NONE
L10 476 SEA FILE=REGISTRY SSS FUL L7
L12 221 SEA FILE=HCAPLUS ABB=ON PLU=ON L10(L)PREP+NT/RL
L13 STR



VAR G1=CH2/4/7
VAR G2=AK/9
VAR G3=H/AK
VAR G4=CH2/12/15
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L15 TRANSFER PLU=ON L12 1- RN : 9078 TERMS
L16 9078 SEA FILE=REGISTRY ABB=ON PLU=ON L15
L18 2030 SEA FILE=REGISTRY SUB=L16 SSS FUL L13
L19 94476 SEA FILE=HCAPLUS ABB=ON PLU=ON L18(L)RACT+NT/RL
L21 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L39 227 SEA FILE=REGISTRY SUB=L16 SSS FUL L21

L41 2628 SEA FILE=HCAPLUS ABB=ON PLU=ON L39(L)RACT+NT/RL

L42 94 SEA FILE=HCAPLUS ABB=ON PLU=ON L12 AND L41 AND L19

L43 79 SEA FILE=HCAPLUS ABB=ON PLU=ON L42 NOT L3

L44 78 SEA FILE=HCAPLUS ABB=ON PLU=ON ("BREYTA G"/AU OR "BREYTA GREG"/AU OR "BREYTA GREGORY"/AU OR "BREYTA GREORY"/AU)

L45 89 SEA FILE=HCAPLUS ABB=ON PLU=ON ("DIPIETRO R"/AU OR "DIPIETRO R A"/AU OR "DIPIETRO RICHARD"/AU OR "DIPIETRO RICHARD A"/AU OR "DIPIETRO RICHARD ALLEN"/AU OR "DIPIETRO RICHARD ANTHONY"/AU OR "DIPIETRO RICHARD ANTONY"/AU)

L46 127 SEA FILE=HCAPLUS ABB=ON PLU=ON ("DAWSON D"/AU OR "DAWSON D J"/AU OR "DAWSON DAN"/AU OR "DAWSON DAN J"/AU OR "DAWSON DANIEL J"/AU OR "DAWSON DANIEL JOSEPH"/AU)

L47 29 SEA FILE=HCAPLUS ABB=ON PLU=ON (L44 AND (L45 OR L46)) OR (L45 AND L46)

L51 77 SEA FILE=HCAPLUS ABB=ON PLU=ON L43 NOT L47

INVENTOR SEARCH

```
=> d que l47
L44          78 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("BREYTA G"/AU OR "BREYTA
                GREG"/AU OR "BREYTA GREGORY"/AU OR "BREYTA GREORY"/AU)
L45          89 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("DIPIETRO R"/AU OR "DIPIETRO
                R A"/AU OR "DIPIETRO RICHARD"/AU OR "DIPIETRO RICHARD A"/AU OR
                "DIPIETRO RICHARD ALLEN"/AU OR "DIPIETRO RICHARD ANTHONY"/AU
                OR "DIPIETRO RICHARD ANTONY"/AU)
L46         127 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("DAWSON D"/AU OR "DAWSON D
                J"/AU OR "DAWSON DAN"/AU OR "DAWSON DAN J"/AU OR "DAWSON
                DANIEL J"/AU OR "DAWSON DANIEL JOSEPH"/AU)
L47          29 SEA FILE=HCAPLUS ABB=ON  PLU=ON  (L44 AND (L45 OR L46)) OR
                (L45 AND L46)
```